

RURAL DISTRICT OF SOUTH SHIELDS.



# Annual Report

OF THE

MEDICAL OFFICER OF HEALTH.

**FOR THE YEAR 1913.**



SOUTH SHIELDS:

R. SIMPSON & SONS, PRINTERS, CHAPTER ROW.

1914.



# ANNUAL REPORT, 1913.

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To the Rural District Council of South Shields

GENTLEMEN,

I beg to submit my Twentieth Annual Report on the Health and Sanitary Condition of the South Shields Rural District.

The Report comprises :—

- (1) Vital Statistics.
- (2) Prevalence of Infectious Diseases.
- (3) General Sanitation.
- (4) Sanitary Requirements.
- (5) Administration of the Factories and Workshops Act in the District.

The Divisions of the South Shields Rural District are as follows :—

- (a) Boldon Parish.
- (b) Boldon Colliery Parish.
- (c) Whitburn Parish, including Cleadon and Marsden.
- (d) Hedworth and Monkton.
- (e) Harton Parish.

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## VITAL STATISTICS.

The Area of the District in Acres is 12,073.

Vital Statistics.

The Census Population, April, 1911, for this District is 14,483 ; at the Census, 1901, it was 10,790.

The Estimated Population to the middle of the year 1913 is 16,463.

The General Death Rate of the District is 11.7.

The Zymotic Death Rate is 0.9.

The Death Rate from Phthisis is 0.3.

The Respiratory Rate is 1.7.

The Birth Rate is 24.

Comparison with the Vital Statistics of the Administrative County of Durham for the year 1913 :—

	Annual Rate per 1,000 Population.	
	Kurai District of South Shields.	County of Durham.
Death Rate .....	11.7	14.9
Zymotic Death Rate .....	0.9	1.8
Death Rate from Phthisis .....	0.3	0.8
Respiratory Rate.....	1.7	2.5
Birth Rate .....	24	30.6
Infantile Mortality Rate .....	55	138

*Population of District 1901-1913.*

	Census 1901 Revised.	To Middle of 1911 (Estimated).
(a) Boldon .....	2,118	2,996
(b) Boldon Colliery .....	3,290	7,321
(c) Whitburn .....	3,292	4,435
(d) Hedworth and Monkton .....	629	728
(e) Harton (excluding Workhouse) .....	602	983
	<hr/> 9,931	<hr/> 16,463

Comparison with the Vital Statistics for the year 1912 :—

	Year 1913.	Year 1912.
Death Rate .....	11.7	11.7
Zymotic Death Rate .....	0.9	1.04
Death Rate from Phthisis .....	0.3	0.3
Respiratory Rate.....	1.7	2.4
Birth Rate .....	24	24.2
Infant Mortality .....	55	36

The Death Rate is the same as last year, the Infant Mortality is considerably less.

## INFECTIOUS DISEASES.

During the year 193 cases of Infectious Diseases have been notified as follows :—

Infectious  
Diseases.

Diphtheria .....	8
Erysipelas .....	14
Scarlet Fever .....	162
Enteric Fever .....	6
Puerperal Fever .....	2
Cerebro Spinal Meningitis ..	1

and in addition 13 cases of Pulmonary Tuberculosis, and 6 cases of other forms of Tuberculosis.

Of the above, 96 cases of Scarlet Fever, and 4 cases of Enteric Fever, were removed to the Fever Hospital.

In the above list, the following cases occurred at the Harton Workhouse :—Erysipelas, 5 ; Scarlet Fever, 4 ; and Enteric Fever, 3. So excluding 12 cases from the Harton Workhouse, 181 cases of Infectious Diseases have actually occurred in the District, as compared with 62 in 1912, 58 in 1911, and 100 in 1910.

The total increase in the number of Infectious Diseases notified, was due to an epidemic of Scarlet Fever, especially prevalent at Boldon Colliery, from whence 106 cases were notified, the majority of these occurred in the New Village. In connection with this fact, it may be mentioned that this class of house is not sufficiently hygienic, the streets being too narrow, the houses consist of flats, the rooms are too small, and the ventilation insufficient. The heated state of the atmosphere within the houses, due to constant fires in the kitchens, and insufficient ventilation, has probably a good deal to do with the prevalence of Scarlet Fever during the year.

It is gratifying to note that only 3 cases of Enteric Fever occurred actually in the district (excluding cases from the Workhouse), but I am of the opinion that an epidemic will, sooner or later, take place, especially amongst the new houses at Boldon Colliery, unless the drainage is speedily made more efficient.

No cases of Smallpox, Cholera, or Typhus Fever were reported.

### DISTRIBUTION OF INFECTIOUS DISEASES.

(a) Boldon .....	27
(b) Boldon Colliery .....	118
(c) Whitburn .....	24
(d) Hedworth and Monkton .....	5
(e) Harton .....	7
(f) Harton Workhouse .....	12

and of Pulmonary Tuberculosis and other forms of Tuberculosis :—

(a) Boldon .....	5
(b) Boldon Colliery .....	7
(c) Whitburn .....	6
(d) Harton .....	1

#### *Locality and Classification—*

(a) Boldon—32 cases.

Diphtheria .....	1
Erysipelas .....	3
Scarlet Fever .....	22
Puerperal Fever .....	1
Pulmonary Tuberculosis .....	2
Other forms of Tuberculosis .....	3

(b) Boldon Colliery—125 cases.

Diphtheria .....	7
Erysipelas .....	4
Scarlet Fever .....	106
Enteric Fever .....	1
Pulmonary Tuberculosis .....	6
Other forms of Tuberculosis .....	1

(c) Whitburn—30 cases.

Erysipelas .....	2
Scarlet Fever.....	18
Enteric Fever .....	2
Puerperal Fever .....	1
Cerebro-Spinal Meningitis .....	1
Pulmonary Tuberculosis .....	4
Other forms of Tuberculosis .....	2

(d) Hedworth and Monkton—5 cases.

Scarlet Fever.....	5
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(e) Harton—8 cases.

Scarlet Fever .....	7
Pulmonary Tuberculosis.....	1

(f) Harton Workhouse—12 cases.

Erysipelas .....	5
Scarlet Fever.....	4
Enteric Fever .....	3

REMOVAL TO THE ISOLATION HOSPITAL.—100 cases were removed to the Fever Hospital from this District during the year. Of these 96 were Scarlet Fever, and 4 Enteric Fever.

LACK OF ACCOMMODATION AT THE ISOLATION HOSPITAL.—Owing to the epidemic of Scarlet Fever, and the lack of accommodation at the above Hospital, between 40 and 50 cases could not be removed to the Hospital.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1911.  
—On receipt of the notifications, the cases have been visited by myself, the Inspector, and the Lady Visitor, instructions as to preventative measures have been given, cartoons distributed, pocket spittoons supplied where necessary, and the fumigation of the premises done where required. There is, however, a delay in the admittance of patients to the Sanatoria, which is to be

regretted, as such delay is prejudicial both in the interests of the patients and the public. It cannot be too strongly pointed out that early admission to the Sanatoria is imperative, and without early admission, it is difficult to see how the spread of Pulmonary Tuberculosis can be prevented. I also regret that your Council has not yet seen its way to provide accommodation for "Chronic Consumptives" at the Isolation Hospital.

In Colliery districts it is impossible to provide sufficient isolation for Tubercular Cases, as most of the houses have not more than two bedrooms and two living rooms, and consequently to provide a bedroom for a consumptive patient to sleep in alone, is an impossibility.

Isolation  
Hospital.

ISOLATION HOSPITAL, WHITBURN.—During the year 1913, 156 cases of Infectious Diseases were treated at the above Hospital, as compared with 116 cases in the year 1912, and 85 cases in the year 1911. Of these 100 cases were from this district, 52 from the Southwick Urban District, and 4 (Enteric Fever) cases from Ryhope, which could not be accommodated at the Sunderland Rural District Isolation Hospital.

Of the 100 cases from this District, 96 were Scarlet Fever, and 4 Enteric Fever; and of the 52 cases from Southwick Urban District 45 were Scarlet Fever and 7 Enteric Fever. The 4 cases from Ryhope were Enteric Fever.

Deaths.

DEATHS.—Out of 156 cases treated at this Hospital during the year, only 4 deaths took place, 3 being Scarlet Fever, and 1 Enteric Fever.

Remarks.

In my opinion, increased accommodation should be provided at the above Hospital, especially for Scarlet Fever cases. The population of the South Shields Rural District is steadily increasing, since 1907 the



estimated increase of population up to the middle of 1913, is 4,726 ; and the number of beds in the Hospital is now the same as it was when built 12 years ago.

During the past two years it has been found to be impossible to admit cases, which would have come in, if we could have accommodated them. In addition to the ordinary increase of population in the district, the Cottage Homes at Cleadon with a population of between 200 and 300 persons, mostly children, have been built, and it is certain that from time to time cases of infectious diseases will occur at these Homes.

### GENERAL SANITATION.

STREET PAVING AND MAKING UP OF SAME.—The following streets have been placed in a sanitary condition :—Street Paving.

- (1) Bywell Road, Cleadon.
- (2) West Park Road, Cleadon.
- (3) Underhill Road, Cleadon.
- (4) A portion of Langholm Road, East Boldon.
- (5) New Estate, Marsden Colliery. (Miners' houses).

NEW HOUSES.—The following is a list of New Houses erected and occupied during the year 1913, in the District :—New Houses.

	Erected.	Occupied.
(1) East Boldon .....	4	2
(2) Boldon Colliery.....	2	2
(3) Whitburn Colliery.....	42	24
(4) Whitburn .....	3	2
(5) Cleadon .....	4	..
(6) Harton .....	7	5
	—	—
Total .....	62	35

The following Streets should be made up (*Vide* Report, 1912) :—

- (1) Marsden Road, Cleadon.
- (2) Bede Estate, Whitburn.
- (3) Behind North Guards, Whitburn.
- (4) Back and Front of Whitburn Terrace, East Boldon.
- (5) Front of Ferndale Avenue, East Boldon.
- (6) Back Street, behind Station Road and Shops, East Boldon.
- (7) Cross Street and Bede Terrace, East Boldon.
- (8) Back Street behind Laburnum Terrace, East Boldon.

Closure of  
Schools.

CLOSURE OF SCHOOLS.—The Infants' School at Marsden was closed from February 26th to March 20th, 1913, on account of Measles and Chickenpox, and the Infant School at Cleadon from March 3rd to March 20th, on account of Measles.

Closing Orders.

The following Closing Orders have been cancelled :—

- (1) Urwin's Buildings, Harton Village.
- (2) Simpson's Square, West Boldon.
- (3) Harper's Buildings, West Boldon.

The following Closing Orders have been made :—

Long Loaning Farm—Owners, The Harton Coal Co.

Sanitary  
Conveniences.

SANITARY CONVENIENCES. Taken in December, 1913, and compared with the year 1912 :—

Ashpit Privies . . . . .	172 a decrease of 31.
Ash Closets . . . . .	2,626 an increase of 75.
Water Closets . . . . .	946 an increase of 19.

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Total . . . . . 3,744

SLAUGHTERHOUSES AND SHOPS.—There are 14 in the District. 5 notices were served by the Inspector of Nuisances, viz., 3 for accumulation of offal, 1 for lime washing, and 1 for a choked drain. Slaughter Houses.

UN SOUND MEAT.—During the year 1 carcase (bullock) had to be destroyed owing to it being in an advanced stage of Tuberculosis. No proceedings had to be taken as it was surrendered on our visit. Unsound Meat.

SCAVENGING.—59 notices for neglect were served. On the whole, it has been well done. Scavenging.

WATER SUPPLY.—*Vide* Annual Reports, 1912, 1911, etc. Water Supply.

EXCREMENT DISPOSAL.—*Vide* Annual Reports 1912, 1911, etc.

PREMISES AND OCCUPATIONS CONTROLLED BY BYE-LAWS.—*Vide* Annual Reports 1912, 1911, etc.

DAIRIES AND COWSHEDS.—The whole of the above have been inspected during the year, and they are kept in a sanitary condition. Dairies and Cowsheds.

The following have been specially reported on :—

- (1) Crow's Hall Dairy, West Boldon.—A new model dairy has been provided.
- (2) Pike's Hole Farm, West Boldon.—The drainage system has been improved.
- (3) Moor Lane Dairy Farm, Cleadon.—A new house and dairy has been built, and the outbuildings are being remodelled for Cowsheds and Stables, etc.
- (4) Mundle's Farm, East Boldon.—This farm is without a proper water supply.

- (5) Long Loaning Farm.—A Closing Order has been made.
- (6) Field House Farm, East Boldon (Turnbull's).—This farm has been repaired, and is now in a sanitary condition.
- (7) Old Mill Dairy Farm, Hedworth.—This farm is still without a proper water supply.
- (8) East Farm, Monkton (Watson's).—A proper dairy should be provided.

Insanitary  
Privies.

INSANITARY PRIVY ASHPITS.—These, at the N.E.R. Co.'s Cottages, Brockley Whins, require attention. I have already reported on their insanitary condition.

Water Supply.

WATER SUPPLY.—This is the same, as already reported in my previous Annual Reports.

Child Birth.

MEANS FOR PREVENTING MORTALITY IN CHILD BIRTH AND IN INFANCY.—The Notification of Births Act is now in force in this district, and a Lady Visitor pays periodical visits to the houses, and gives instructions, etc.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYELAWS.—No Lodging Houses, Cellar Dwellings, and Offensive Trades exist in the District, and if they did exist, the Rural District Council have no powers over them.

Schools.

These are all in a sanitary condition. The Medical Officer of Health is not the School Medical Officer. I am of the opinion that Schools should not be closed for sickness unless the local Medical Officer of Health is first consulted, as he alone knows the local conditions, and a case has recently arisen where a large School was unnecessarily closed owing to the Medical Officer of Health of the district not being primarily consulted.

HOUSING ACCOMMODATION.—Although there is a Housing. great demand for houses, especially in the Colliery districts, there is no great need for any further steps to be taken to provide the same. No action has been taken by the Council under the Housing and Town Planning Act, 1909.

MAIN DRAINAGE.—In consequence of the action of Main Drainage. your Council regarding the want of further drainage, the Local Government Board has held two enquiries in respect of two Sewerage Schemes, one for the further drainage of Boldon Colliery, and one for East and West Boldon. I understand that the Local Government Board has sanctioned both schemes, and that tenders are now being advertised for these.

The new schemes are as follows :—The sewerage of West and East Boldon is to be diverted eastwards and carried to the Sea near the Bents, Whitburn, instead of going to Jarrow, whilst the whole of Boldon Colliery will be drained into the Tyne, near Jarrow.

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### SANITARY REQUIREMENTS.

- |                                                             |                          |
|-------------------------------------------------------------|--------------------------|
| (1) Public Urinals at Boldon Colliery and Whitburn.         | Sanitary<br>Requirements |
| (2) Increased accommodation at the Isolation Hospital.      |                          |
| (3) Street Paving.                                          |                          |
| (4) A wholesome water supply to some of the outlying Farms. |                          |

At the end of this Report, I append Tables submitted to me by the Inspector of Nuisances concerning the Housing Town Planning Act, 1909, etc.

Factories and  
Workshops  
Act.

FACTORY AND WORKSHOPS ACT, 1901-1907.—There are 35 Factories and Workshops in the District. An increase of 2 since 1912.

113 inspections were made, and 14 notices were served for want of cleanliness, defective drainage, insufficient sanitary accommodation.

Night Soil.

ACCUMULATION OF NIGHT SOIL.—31 Notices were served for the abatement of Nuisances, arising from accumulations of ashpit refuse and night soil.

I am, Gentlemen,

Yours faithfully,

WM. ARMSTRONG, L.R.C.P., etc.,

*Medical Officer of Health.*

TABLE I.—VITAL STATISTICS OF WHOLE DISTRICT during 1913 and previous Years.

Year.	Population estimated to middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un-corrected Number.	Nett.	Number.	Rate.	Of Non-Residents registered in the District.	Of Residents not registered in the District.	Under 1 Year of age.		At all ages.	
								Number.	Rate.	Number.	Rate per 1,000 Netth Births.
1908	12,000	400	..	484	40.6	275	5	78	..	201	16.7
1909	12,147	401	..	458	37.7	280	1	53	..	181	14.9
1910	12,672	384	..	416	32.8	250	3	52	..	169	1.64
1911	15,033	419	388	437	29.06	254	7	60	..	190	12.6
1912	15,368	411	372	459	29.8	294	13	36	..	180	11.7
1913	16,463	417	396	461	28	278	10	55	..	193	11.7

Area of District in acres (land and inland water)	{	Total Population at all ages .....	14,483	}	At Census, 1911 (cf. Census, Vol. V.)
		Number of Inhabited houses .....	2,897		
		Average Number of Persons per House ....	5		



TABLE II.—CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1913.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.						TOTAL CASES NOTIFIED IN EACH LOCALITY.						Total Cases Removed to Hospital.	
	At all Ages.	At Ages—Years.					Baldon.	Baldon Colliery.	Whitburn.	Hedworth & Monkton.	Harton.	Harton Workhouse.		
		Under 1.	1 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.								45 and under 65 years.
Smallpox .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera (C) Plague (P) .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup) .....	8	1	2	4	1	..	..	7	2	..	..	..	5	..
Erysipelas.....	14	..	..	3	2	4	5	4	4	..	..	..	4	96
Scarlet Fever .....	162	1	38	117	4	2	..	106	18	5	..	7	4	..
Typhus Fever .....	..	..	..	..	..	..	..	..	2	..	..	..	3	4
Enteric Fever .....	6	..	..	1	4	1	..	1	..	..	..	..	..	..
Relapsing Fever (R) Continued Fever (C) ..	..	..	..	..	..	2	..	1	1	..	..	..	..	..
Puerperal Fever .....	2	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-spinal Meningitis .....	1	..	..	..	1	..	..	..	1	..	..	..	..	..
Poliomyelitis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pulmonary Tuberculosis .....	13	..	..	5	4	4	..	6	4	..	..	1	..	..
Other forms of Tuberculosis .....	6	..	4	1	1	..	..	1	2	..	..	..	..	..
TOTALS .....	212	2	44	131	17	13	5	32	125	30	5	8	12	100



TABLE III.—CAUSES OF, AND AGES AT DEATH during the Year 1913.

CAUSE OF DEATH.	DEATHS IN WHOLE DISTRICT SUBJOINED AREA.								Total Deaths in Public Institutions.	
	All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.		65 and upwards.
All Causes —Certified (c) ..	189	55	13	11	11	11	18	25	47	..
Uncertified ..	4	..	..	..	..	1	..	..	3	..
Enteric Fever .....	1	..	..	..	..	1	..	..	..	1
Smallpox .....	..	..	..	..	..	..	..	..	..	..
Measles .....	2	1	1	..	..	..	..	..	..	..
Scarlet Fever .....	6	1	1	1	3	..	..	..	..	3
Whooping Cough .....	4	4	..	..	..	..	..	..	..	..
Diphtheria and Croup .....	2	1	..	..	1	..	..	..	..	1
Influenza .....	3	1	..	..	..	..	..	..	2	11
Erysipelas .....	..	..	..	..	..	..	..	..	..	1
Phthisis (Pulmonary Tuberculosis) .....	6	..	..	..	..	3	..	3	..	34
Tuberculosis Meningitis .....	..	..	..	..	..	..	..	..	..	..
Other Tuberculosis Diseases .....	8	2	4	..	..	2	..	..	..	8
Cancer, Malignant Disease ..	10	..	..	..	..	..	2	4	4	16
Rheumatic Fever .....	..	..	..	..	..	..	..	..	..	..
Meningitis .....	4	1	..	1	1	1	..	..	..	1
Organic Heart Disease .....	18	..	..	1	2	..	1	5	9	30
Bronchitis .....	9	3	..	..	..	..	1	1	4	29
Pneumonia (all forms) .....	20	6	2	4	..	..	4	1	3	30
Other Diseases of Respiratory Organs .....	..	..	..	..	..	..	..	..	..	..
Diarrhoea and Enteritis ..	17	10	2	1	..	..	1	2	1	2
Appendicitis and Typhlitis ..	1	..	..	1	..	..	..	..	..	..
Cirrhosis of Liver .....	3	..	..	..	..	..	..	2	1	..
Alcoholism .....	..	..	..	..	..	..	..	..	..	..
Nephritis & Bright's Disease ..	1	..	..	..	..	..	..	..	1	8
Puerperal Fever .....	1	..	..	..	..	..	1	..	..	..
Other accidents and diseases of Pregnancy and Parturition .....	3	..	..	..	..	1	2	..	..	..
Congenital Debility and Malformation, including Premature Birth .....	18	18	..	..	..	..	..	..	..	1
Violent Deaths, excluding Suicide .....	6	..	1	..	1	1	2	..	1	3
Suicide .....	..	..	..	..	..	..	..	..	..	6
Other Defined Diseases .....	50	7	2	2	3	3	4	7	22	90
Diseases ill-defined or unknown .....	..	..	..	..	..	..	..	..	..	..
TOTALS .....	193	55	13	11	11	12	18	25	48	275



## 1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (including Factory Laundries)	32	5	..
Workshops (including Workshop Laundries) .....	27	9	..
Workplaces (Other than Outworkers' premises included in Part 3 of this Report) .....	54	..	..
Total .....	113	14	..

## 2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS, AND WORKPLACES.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
Want of Cleanliness .....	5	5	..	..
Want of Drainage of Floors .....	1	1	..	..
Sanitary Accommodation—				
Insufficient .....	2	2	..	..
Unsuitable or Defective .....	4	4	..	..
Not separate for Sexes .....	2	2	..	..
Total .....	14	14	..	..

SUMMARY OF WORK DONE IN THE INSPECTOR OF NUISANCES'  
DEPARTMENT DURING THE YEAR 1913.

I.—PUBLIC HEALTH ACTS.	Number of informal written Notices by Inspector.	Number of formal Notices by order of Authority.	Number of Nuisances abated after Notice.	GENERAL REMARKS.
Dwelling-houses & Schools				No Lodging houses in District.
Foul Conditions .....	7	2	7	
Structural Defects .....	21	16	25	
Overcrowding .....	9	5	13	
Lodging-houses .....	Nil.	Nil.	Nil.	Accumulation of Offal and Choked Drains.
Dairies & Milkshops				
Cowsheds .....	27	16	31	
Bakehouses .....	Nil.	Nil.	Nil.	
Slaughterhouses .....	5	Nil.	5	Scavenging neglect. Factories and Work-shops, want of cleanliness, insufficient and defective sanitary conveniences.
Ashpits and Privies .....	53	21	54	
Deposits of Refuse and				
Manure .....	31	3	31	
Waterclosets .....	12	5	13	
Defective Yard Paving ..	23	7	25	
House Drainage—				
Defective Traps .....	11	8	17	
No Disconnection from				
Sewers .....	3	Nil.	3	
Other Faults .....	9	6	11	
Water Supply .....	3	3	1	
Pigsties .....	5	1	5	
Animals improperly kept	7	Nil.	7	
Offensive Trades .....	Nil.	Nil.	Nil.	
Smoke Nuisances .....	Nil.	Nil.	Nil.	
Other Nuisances .....	59	13	59	
Factories and Workshops	14	2	14	
Totals .....	299	108	321	

SUMMARY OF WORK DONE.—*Continued.*

III.—PRECAUTIONS AGAINST INFECTIOUS DISEASE.	No.	Remarks.
Lots of Infectious Bedding stoved or destroyed .....	105	By Steam at Hospital.
Houses disinfected after Infectious Disease .....	182	By Formaldehyde Vapours, Sulphur Candles and Kono- form Cones.
Schools disinfected after Infectious Disease .....	2	.
Prosecutions for exposure of infected Persons or things .....	Nil.	
Convictions for exposure of infected Persons or things .....	Nil.	
IV.—GENERAL.		
Number of New Houses erected during the year .....	62	
Number of such Houses occupied during the year .....	35	
Ashpit-prives converted into Ash- closets .....	27	
Ashpit-prives converted into Water- closets .....	4	
Ash-closets converted into Water- closets .....	7	
Total number of Water-closets in Districts .....	946	
Total Number of Ash-closets in District .....	2626	
Total Number of Ashpit-prives in District .....	172	

WILLIAM WELSH, A.R.S.I.,

INSPECTOR OF NUISANCES.

HOUSING, TOWN PLANNING, &c. ACT, 1909, AND HOUSING (INSPECTION OF DISTRICT)  
REGULATION, 1910.

Total No. of Dwelling Houses inspected and measured up during the year 1913, and for the purpose of Sec. 17 of the Act.	No. of Dwelling Houses considered dangerous or injurious to Health.	No. of Representations made to the Local Authority.	No. of Closing Orders made.	No. of Dwelling Houses, defects remedied without Closing Orders.	No. of Dwelling Houses which after the making of Closing Orders were put into a fit state for human habitation	REMARKS.
224	34	2	1	97	1	<p>(1) 13 houses have been repaired and put into a sanitary condition.</p> <p>(2) 2 blocks of dwelling houses have been demolished after Closing Orders (Coxon's).</p> <p>(3) Representations made 2. Upon Long Loanings Farm and a cottage at Monkton.</p> <p>(4) Closing Orders for Long Loanings Farm.</p>